

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091225\
 Data File : BG064359.D
 Acq On : 12 Sep 2025 14:43
 Operator : RC/JU
 Sample : Q2117-01
 Misc : MDL-WATER 4 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Sep 12 15:51:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 11:06:20 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	22019	20.000	ng/u1	0.00
20) Naphthalene-d8	10.632	136	94180	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	72060	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.207	188	185096	20.000	ng/u1	0.00
79) Chrysene-d12	21.437	240	208468	20.000	ng/u1	0.00
88) Perylene-d12	24.434	264	220613	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	1596	3.808	ng/uL	0.00
4) Pyridine-d5	3.717	84	15634	12.784	ng/u1	0.00
7) Phenol-d5	7.013	99	25328	14.073	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.177	67	13839	14.735	ng/u1	0.00
11) 2-Chlorophenol-d4	7.377	132	20942	14.549	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	21216	12.956	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	12110	16.387	ng/u1	0.00
24) 2-Nitrophenol-d4	9.715	143	13176	14.617	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.256	165	22846	13.630	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	31233	13.783	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	98072	15.271	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	94791	15.276	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	13404	13.321	ng/u1	0.00
60) Fluorene-d10	15.462	176	79289	15.217	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	17658	13.374	ng/u1	0.00
73) Anthracene-d10	17.307	188	135497	14.675	ng/u1	0.00
81) Pyrene-d10	19.592	212	168733	14.370	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.228	264	177921	15.648	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	872	1.861	ng/uL#	78
5) Pyridine	3.740	79	4529	3.512	ng/u1#	57
6) Benzaldehyde	6.989	77	4938	5.900	ng/u1#	78
8) Phenol	7.036	94	6772	3.673	ng/u1#	62
10) Bis(2-Chloroethyl)ether	7.271	93	5364	4.214	ng/u1#	83
12) 2-Chlorophenol	7.406	128	6305	4.213	ng/u1#	88
13) 2-Methylphenol	8.288	108	5400	3.531	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.370	45	9941	4.194	ng/u1#	93
16) Acetophenone	8.664	105	10041	3.857	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.640	70	5011	4.092	ng/u1	91
18) 4-Methylphenol	8.605	108	6631	4.031	ng/u1#	68
19) Hexachloroethane	8.916	117	2186	3.313	ng/u1	90
22) Nitrobenzene	9.034	77	7709	4.200	ng/u1	95
23) Isophorone	9.557	82	15286	4.330	ng/u1	99
25) 2-Nitrophenol	9.751	139	3880	4.490	ng/u1#	87
26) 2,4-Dimethylphenol	9.809	107	6339	3.308	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.039	93	8173	4.573	ng/u1#	88
29) 2,4-Dichlorophenol	10.280	162	6327	4.137	ng/u1#	93
30) Naphthalene	10.679	128	21685	4.230	ng/u1#	90
32) 4-Chloroaniline	10.785	127	8995	4.027	ng/u1	88
33) Hexachlorobutadiene	10.973	225	6494	4.727	ng/u1	94
34) Caprolactam	11.554	113	2797m	4.510	ng/u1	
35) 4-Chloro-3-methylphenol	11.919	107	7675	4.056	ng/u1#	88
36) 2-Methylnaphthalene	12.289	142	16574	4.246	ng/u1	87

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091225\
 Data File : BG064359.D
 Acq On : 12 Sep 2025 14:43
 Operator : RC/JU
 Sample : Q2117-01
 Misc : MDL-WATER 4 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT2-2025-03

Quant Time: Sep 12 15:51:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 12 11:06:20 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/15/2025
 Supervised By :Jagrut Upadhyay 09/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	16229	4.184	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.659	216	10864	4.757	ng/ul#	81
40) Hexachlorocyclopentadiene	12.647	237	6735	4.282	ng/ul	89
41) 2,4,6-Trichlorophenol	12.900	196	6086	4.160	ng/ul	95
42) 2,4,5-Trichlorophenol	12.976	196	6631	4.237	ng/ul	92
43) 1,1'-Biphenyl	13.300	154	22241	4.180	ng/ul	96
44) 2-Chloronaphthalene	13.347	162	17259	4.421	ng/ul	94
45) 2-Nitroaniline	13.552	65	5311	3.789	ng/ul#	70
47) Dimethylphthalate	13.922	163	25697	4.307	ng/ul#	95
48) 2,6-Dinitrotoluene	14.040	165	4567	4.001	ng/ul#	93
50) Acenaphthylene	14.187	152	29181	4.372	ng/ul	97
51) 3-Nitroaniline	14.375	138	4327	4.443	ng/ul	89
52) Acenaphthene	14.533	153	19205	4.237	ng/ul	96
53) 2,4-Dinitrophenol	14.580	184	4482	5.829	ng/ul#	64
55) 4-Nitrophenol	14.680	109	6949	5.212	ng/ul#	79
56) Dibenzofuran	14.868	168	29087	4.333	ng/ul#	85
57) 2,4-Dinitrotoluene	14.827	165	8464	4.599	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.097	232	6642	4.035	ng/ul#	88
59) Diethylphthalate	15.291	149	29131	4.459	ng/ul	93
61) Fluorene	15.515	166	25357	4.454	ng/ul	84
62) 4-Chlorophenyl-phenyle...	15.509	204	12587	4.193	ng/ul	96
63) 4-Nitroaniline	15.532	138	4127	4.126	ng/ul#	91
66) 4,6-Dinitro-2-methylph...	15.591	198	5287	3.940	ng/ul#	86
67) N-Nitrosodiphenylamine	15.720	169	21020	4.161	ng/ul	92
68) 4-Bromophenyl-phenylether	16.402	248	9544	4.395	ng/ul	94
69) Hexachlorobenzene	16.519	284	10531	4.302	ng/ul	95
70) Atrazine	16.672	200	12151	4.878	ng/ul	92
71) Pentachlorophenol	16.866	266	7189	4.581	ng/ul	87
72) Phenanthrene	17.248	178	42794	4.254	ng/ul	97
74) Anthracene	17.342	178	42698	4.170	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.270	216	10046	4.005	ng/ul	93
76) Pentachlorobenzene	14.786	250	12196	4.445	ng/ul	96
77) Carbazole	17.612	167	37884	4.260	ng/ul	97
78) Di-n-butylphthalate	18.176	149	47402	4.294	ng/ul	98
80) Fluoranthene	19.263	202	54069	4.071	ng/ul#	95
82) Pyrene	19.622	202	58278	4.260	ng/ul	98
83) Butylbenzylphthalate	20.515	149	21534	4.026	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.337	252	18290	4.178	ng/ul	99
85) Benzo(a)anthracene	21.414	228	59374	4.247	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.343	149	32379	4.220	ng/ul	94
87) Chrysene	21.478	228	56418	4.288	ng/ul	98
89) Di-n-octyl phthalate	22.477	149	56092	4.466	ng/ul	100
90) Benzo(b)fluoranthene	23.482	252	59099	4.454	ng/ul#	96
91) Benzo(k)fluoranthene	23.546	252	57945m	4.389	ng/ul	
93) Benzo(a)pyrene	24.287	252	52057	4.224	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.794	276	70247m	4.408	ng/ul	
95) Dibenzo(a,h)anthracene	27.859	278	55301	4.307	ng/ul	95
96) Benzo(g,h,i)perylene	28.846	276	55846	4.293	ng/ul#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

